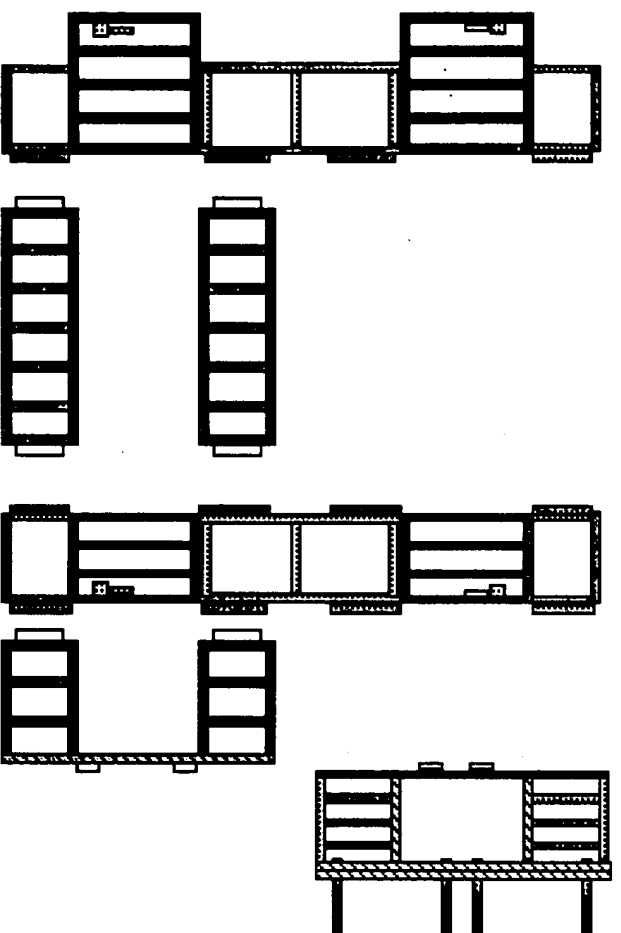
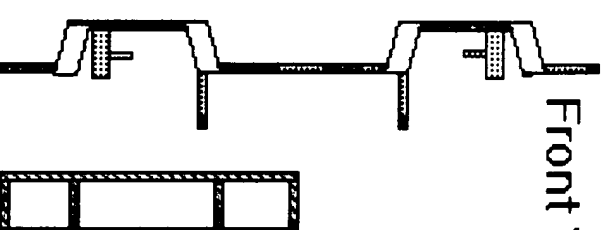


Top View

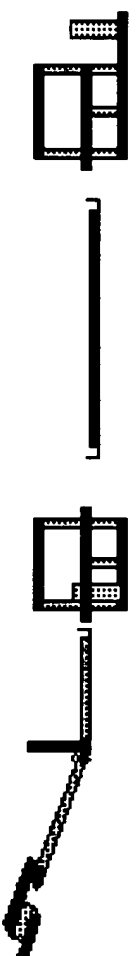


Front View

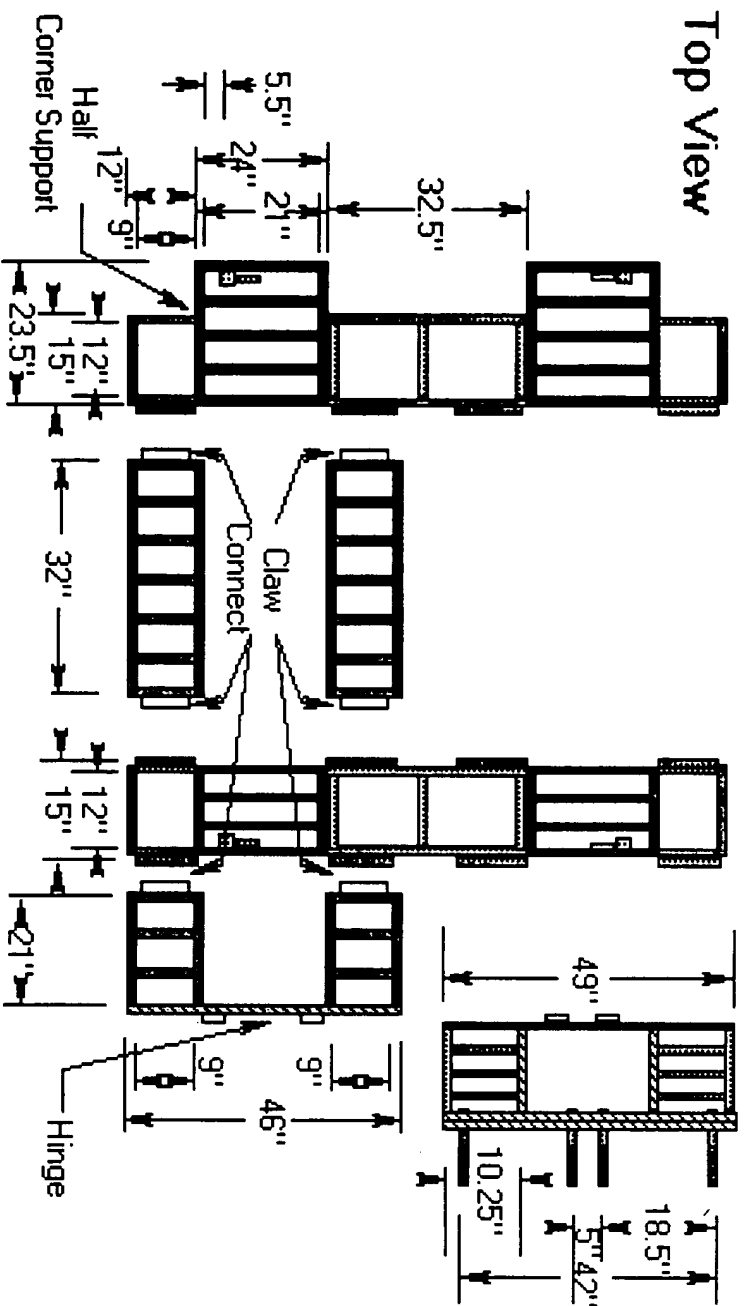


Front View doesn't show ramp extension

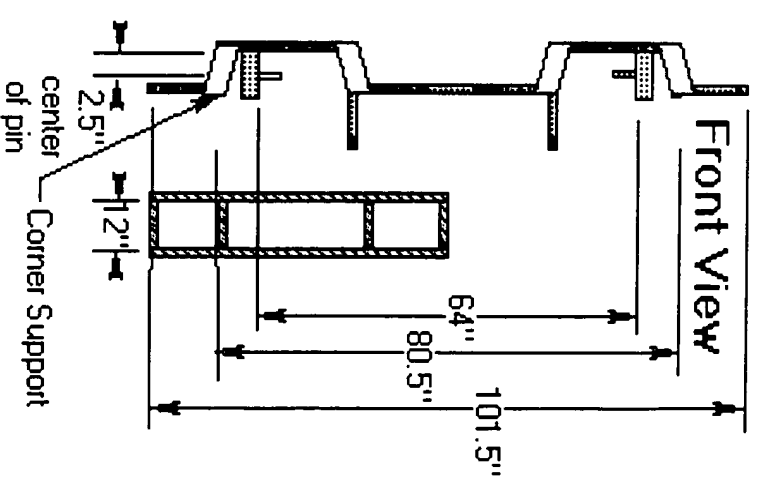
Side View



Top View

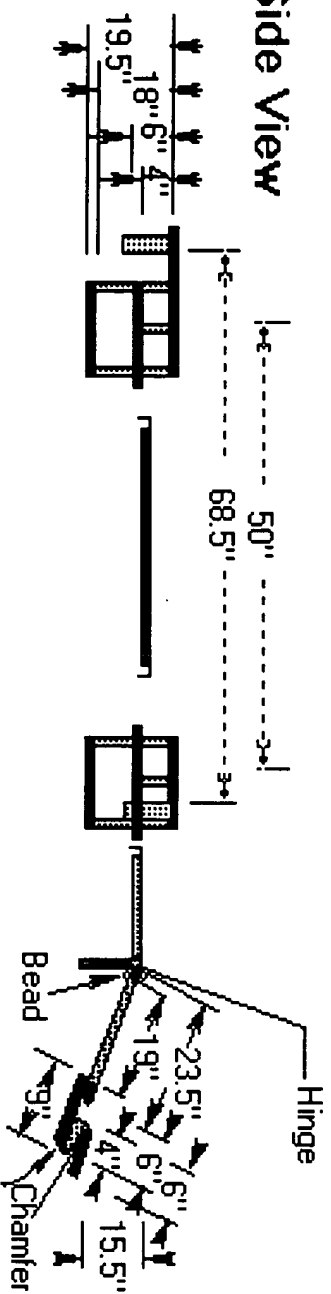


Front View















Front View doesn't show ramp extension

Side View







A513/A500B St 1 or Allumninum Alloy T 6063




1 1/2" square 0.125" gauge

1 - 49"		49"
4 - 32.5"		130"
4 - 32"		128"
18 - 21"		378"
2 - 19"		38"
8 - 18"		144"
16 - 15"		240"
4 - 12"		48"
8 - 9"		72"
4 - 6"		24"
4 - 4.5"		18"
16 - 4"		64"
		<hr/>
		<hr/>
		1333" = 111' 1"
~ 120' (200 lbs) -> 89 cuts -> 12 sizes		

1 1/2" square 0.0625" gauge

2 - 49"		98"
2 - 46"		92"
4 - 21"		84"
2 - 19"		38"
		<hr/>
		<hr/>
		312" = 26' 0"
~ 30' (50 lbs) -> 10 cuts -> 4 sizes		

3/4" square 0.0625" gauge

6 - 12"		72"
6 - 10.25"		61.5"
36 - 9"		324"
		<hr/>
		<hr/>
		457.5" = 38' 1.5"
~ 40' (24 lbs) -> 50 cuts -> 3 sizes		

16 - Corner Support (3" X 10' X 1/8" cut into 16 pieces)

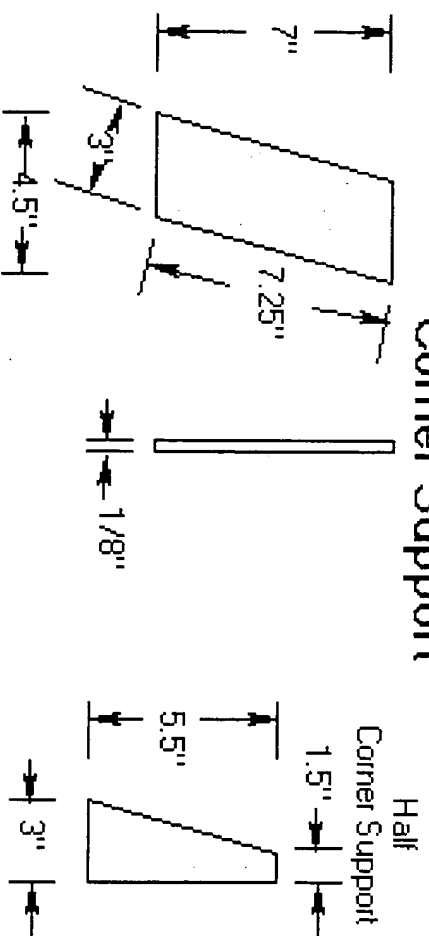
6 - Claw connect (4' X 1/8" 1.5" X 1.5" angle)

2 - Hinges (8" X 1/2" tube cut into 4 pieces)

1 - Bead (46" X 1/4" rod)

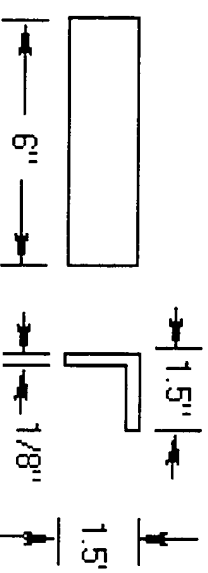
4 - Pins

Corner Support

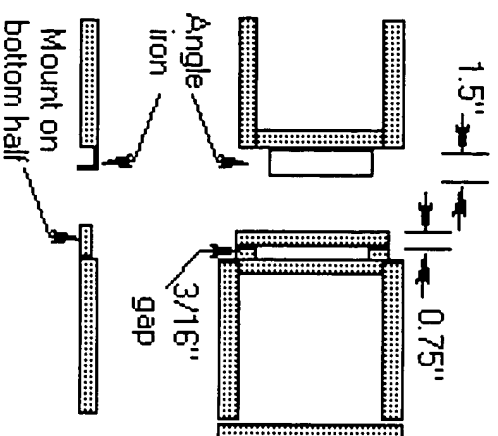


Provides structural support but should not contact pickup sides or interfere with A/TV wheels. The four supports on the front of the front platform will only be half size.

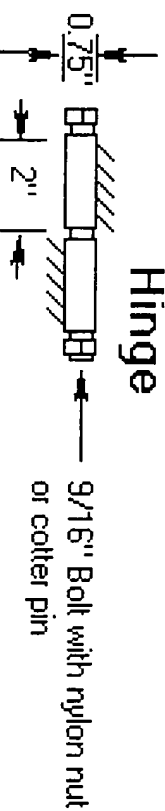
Claw Connect



Angle iron must fit in gap and platform should drop into place. Good fit but not tight. Mount receiving end on bottom half. Need to be able to remove with wheel in place.



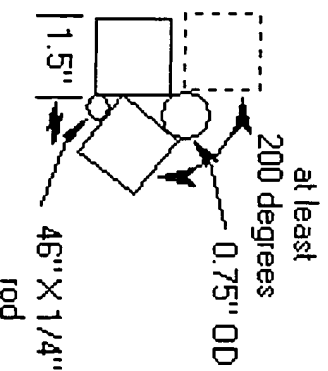
Hinge



Must allow for about 200 degrees of rotation so that the ramp portion can rotate around and rest on platform for storage

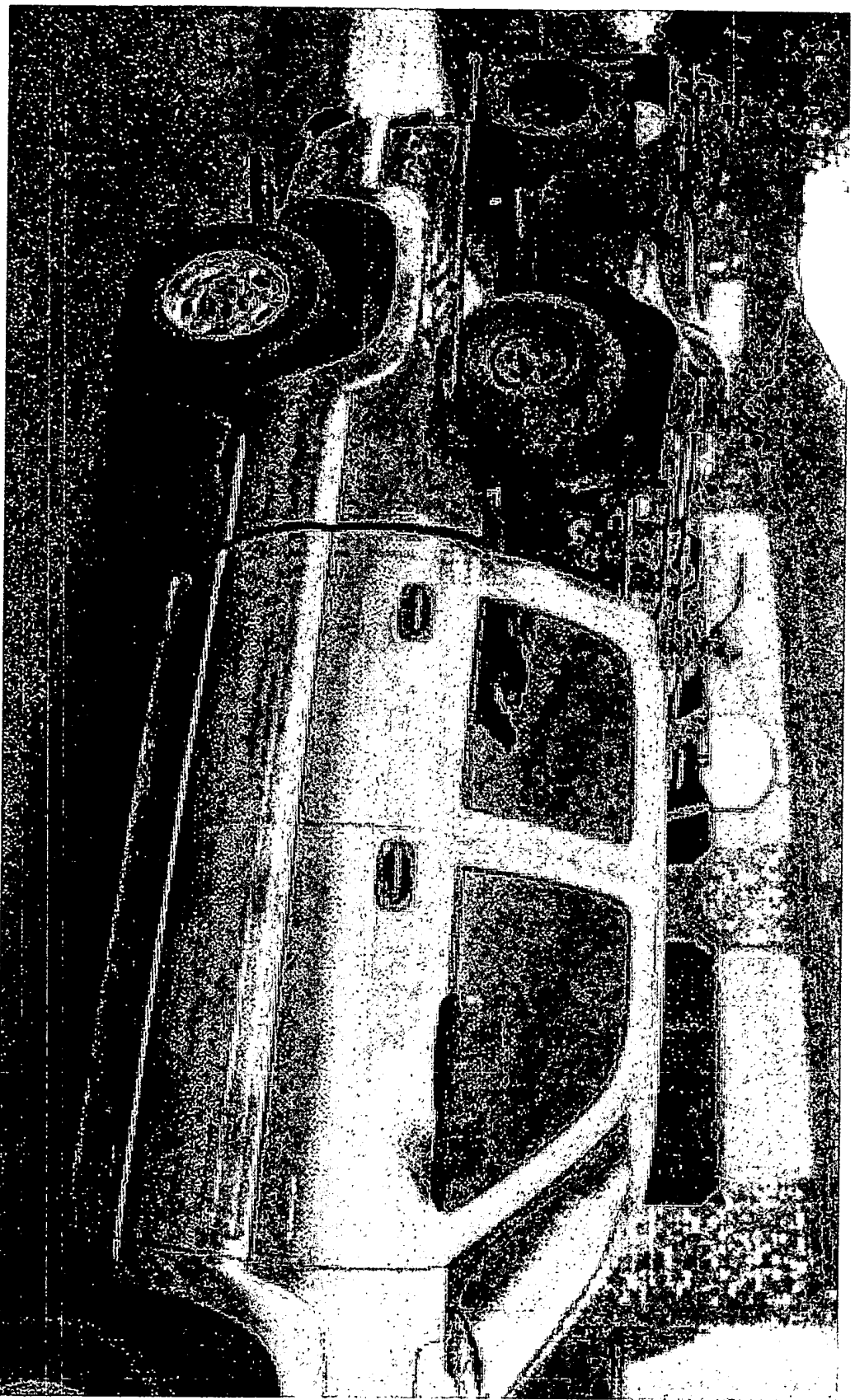
Bead - Position just below hinge so that ramp can rest on bead and not be supported only by the hinge

Pins - Need to work as anchor in holes available in pickup



The “Low Rider”

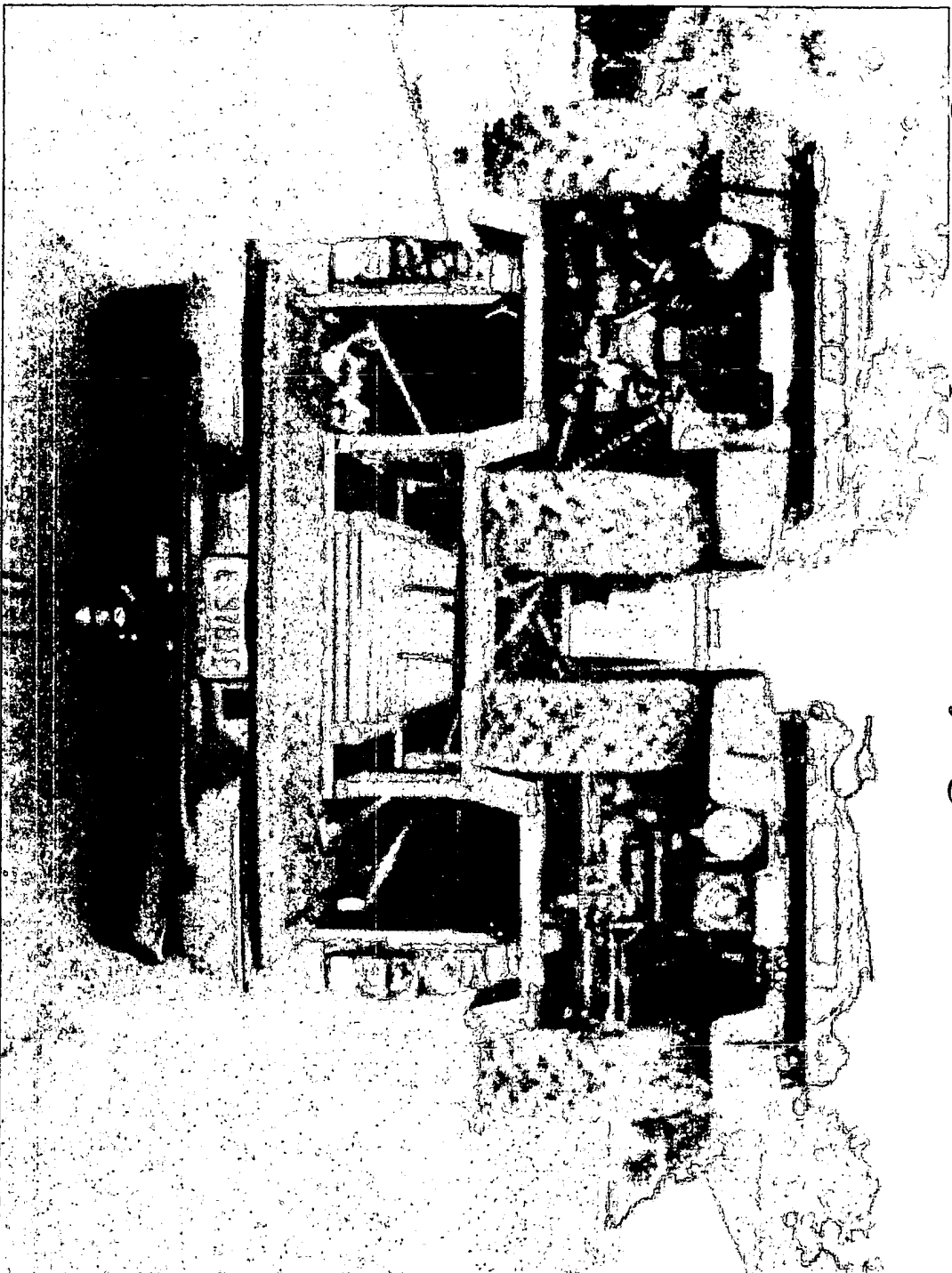
Low riding ATV transporter for carrying two ATVs on a short bed



Four wheelers sit almost 10” lower than most ATV racks for a lower center of gravity and added stability
Wheels drop into opening to constrain four wheeler in position and minimize movement during transit

The ‘Low Rider’

Low riding ATV transporter for carrying two ATVs on a short bed

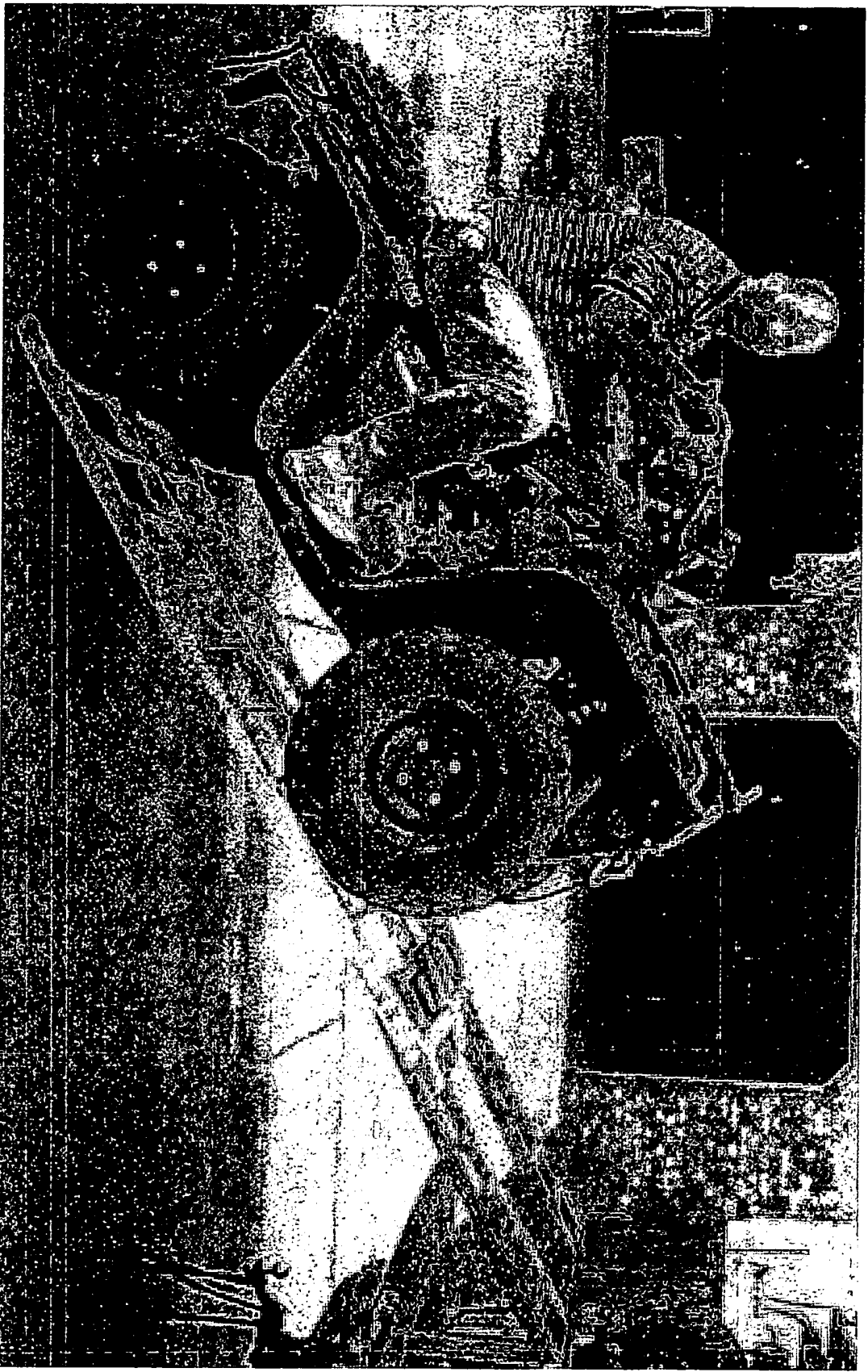


Two ATVs side by side facing forward for less wind resistance

Storage space under the platform; supported by the bed of the truck not the side walls

The ‘Low Rider’

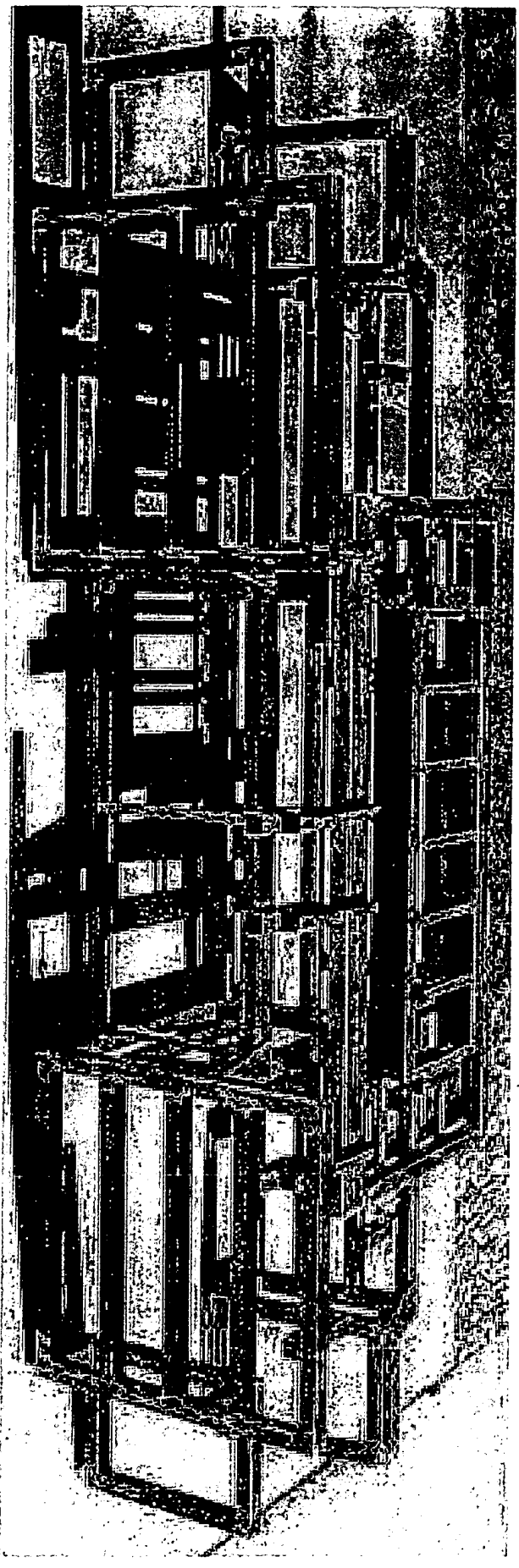
Low riding ATV transporter for carrying two ATVs on a short bed



Less than 30 degree incline driving into ramp

The “Low Rider”

Low riding ATV transporter for carrying two ATVs on a short bed



One person can assemble the “Low Rider” - heaviest part is less than 130 pounds

All parts can fit in a space in 8’6” X 2’ X 2’